

## 1993 SOUTH DAKOTA TUBERCULOSIS MORBIDITY

There were 16 cases of tuberculosis reported to the South Dakota Department of Health in 1993. This represents a decrease of 15 cases from 1992. Cases were widely distributed across the state with 10 counties reported disease. During 1993, there were no drug resistant or TB-HIV co-infected TB cases reported.

### TUBERCULOSIS CASES REPORTED BY SEX AND RACE SOUTH DAKOTA 1993

RACE	MALE	FEMALE	TOTAL	% OF CASES
Native American	6	4	10	62%
White	2	4	6	38%
Black	0	0	0	0%
Hispanic	0	0	0	0%
Asian	0	0	0	0%
<b>TOTAL</b>	<b>8</b>	<b>8</b>	<b>16</b>	<b>100%</b>

### TUBERCULOSIS CASES REPORTED BY SEX AND AGE SOUTH DAKOTA 1993

AGE (years)	MALE	FEMALE	TOTAL	% OF CASES
0-4	1	0	1	6%
5-9	0	0	0	0%
10-14	0	0	0	0%
15-19	0	0	0	0%
20-29	1	1	2	13%
30-39	1	0	1	6%
40-49	3	1	4	25%
50-59	1	2	3	19%
60-69	1	2	3	19%
70-79	0	0	0	0%
80-89	0	1	1	6%
90+	0	1	1	6%
<b>TOTAL</b>	<b>8</b>	<b>8</b>	<b>16</b>	<b>100%</b>

### TUBERCULOSIS MORBIDITY INCIDENCE RATES PER 100,000 BY RACE AND YEAR SOUTH DAKOTA 1988-1993

RACE	1988	1989	1990	1991	1992	1993
All Races	4.7	3.9	1.9	5.0	4.5	2.3
Native American	52.5	40.1	22.1	55.4	37.9	19.8
White	1.2	0.9	0.4	0.6	1.5	0.9
All Other Races	0.0	67.5	0.0	41.7	23.9	0.0

**TUBERCULOSIS CASES REPORTED BY COUNTY OF RESIDENCE  
SOUTH DAKOTA 1993**

COUNTY	# OF CASES	COUNTY	# OF CASES
Pennington	4	Ziebach	1
Todd	2	Corson	1
Shannon	2	Brookings	1
Minnehaha	1	Dewey	1
Hutchinson	1	Bon Homme	1

**TUBERCULOSIS MORTALITY BY RACE AND YEAR  
SOUTH DAKOTA 1990-1993**

RACE	1990		1991		1992		1993	
All Races	3/14	21%	4/35	11%	7/32	22%	4/16	25%
Native American	2/11	18%	3/28	11%	3/20	15%	3/10	30%
White	1/3	33%	0/4	0%	4/10	40%	1/6	17%
All Other Races	0/0	0%	1/3	33%	0/3	0%	0/0	0%

**FOREIGN-BORN TUBERCULOSIS CASES BY YEAR  
SOUTH DAKOTA 1989-1993**

Country of Birth	1989	1990	1991	1992	1993
United States	24 (86%)	14 (100%)	32 (91%)	31 (97%)	16 (100%)
Foreign-born	4 (14%)	0 (0%)	3 (9%)	1 (3%)	0 (0%)
<b>TOTAL</b>	<b>28</b>	<b>14</b>	<b>35</b>	<b>32</b>	<b>16</b>

**PULMONARY AND NON-PULMONARY TUBERCULOSIS CASES BY RACE  
SOUTH DAKOTA 1993**

Site of Tuberculosis	Native American	White	Black	Hispanic	Asian	TOTAL
Pulmonary	4	3	0	0	0	7
Non-pulmonary	3	3	0	0	0	6
Both	3	0	0	0	0	3
<b>TOTAL</b>	<b>10</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16</b>

The non-pulmonary sites of disease included the following:

Lymphatic	1	Spinal	1	Abdomen	1
Pleural & Peritoneal	1	Knee Joint	1	Brain	1
Laryngeal	1	Pleural	1	Miliary	1

**PATIENTS STARTED ON TUBERCULOSIS PREVENTIVE THERAPY  
SOUTH DAKOTA 1987-1993**

1987	1988	1989	1990	1991	1992	1993
727	768	653	1021	687	618	654*

*\*1993 data is provisional*

**TUBERCULOSIS CASES AND CASE RATES PER 100,000**  
**UNITED STATES 1983-1992**

<b>YEAR</b>	<b>NUMBER OF TB CASES</b>	<b>TB CASE RATE</b>	<b>% CHANGE OF NUMBER</b>	<b>% CHANGE OF RATE</b>
1983	23,846	10.2	-6.6	-7.3
1984	22,255	9.4	-6.7	-7.8
1985	22,201	9.3	-0.2	-1.1
1986	22,768	9.4	+2.6	+1.1
1987	22,517	9.3	-1.1	-1.1
1988	22,436	9.1	-0.4	-2.2
1989	23,495	9.5	+4.7	+4.4
1990	25,701	10.3	+9.4	+8.4
1991	26,283	10.4	+2.3	+1.0
1992	26,673	10.5	+1.5	+1.0